

FIG. 1

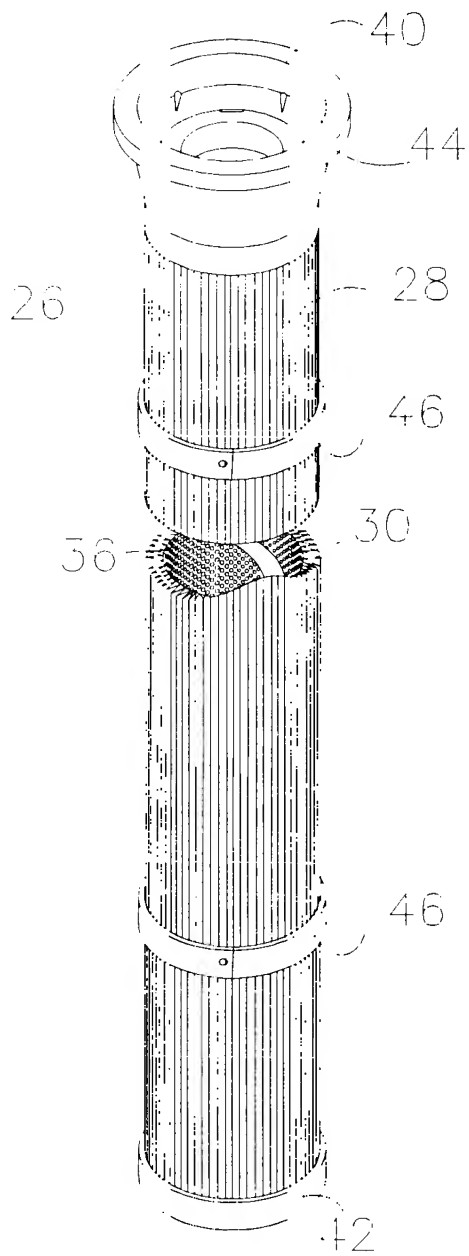


FIG. 2

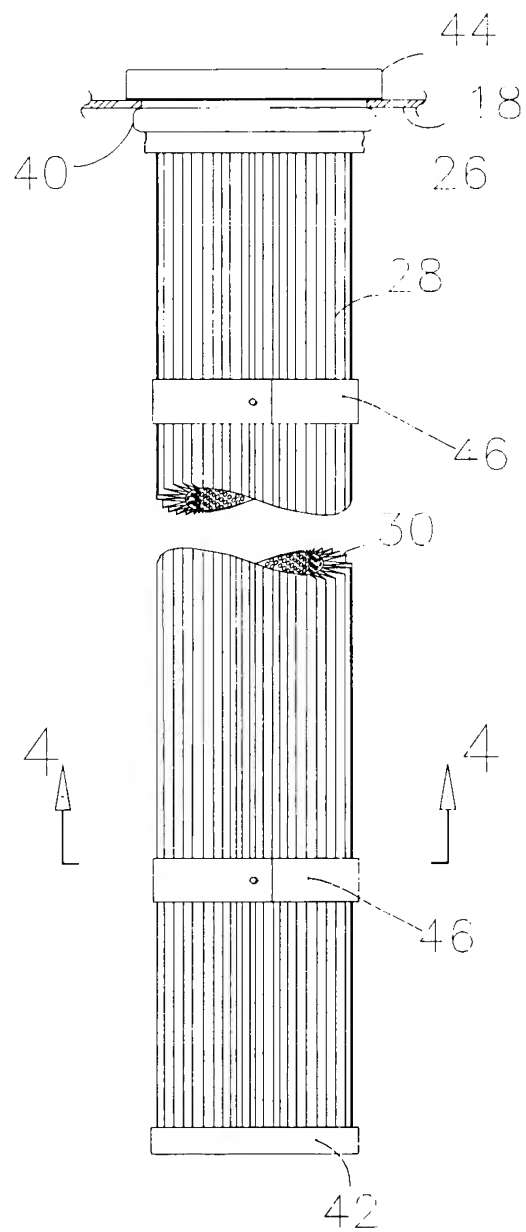


FIG. 3

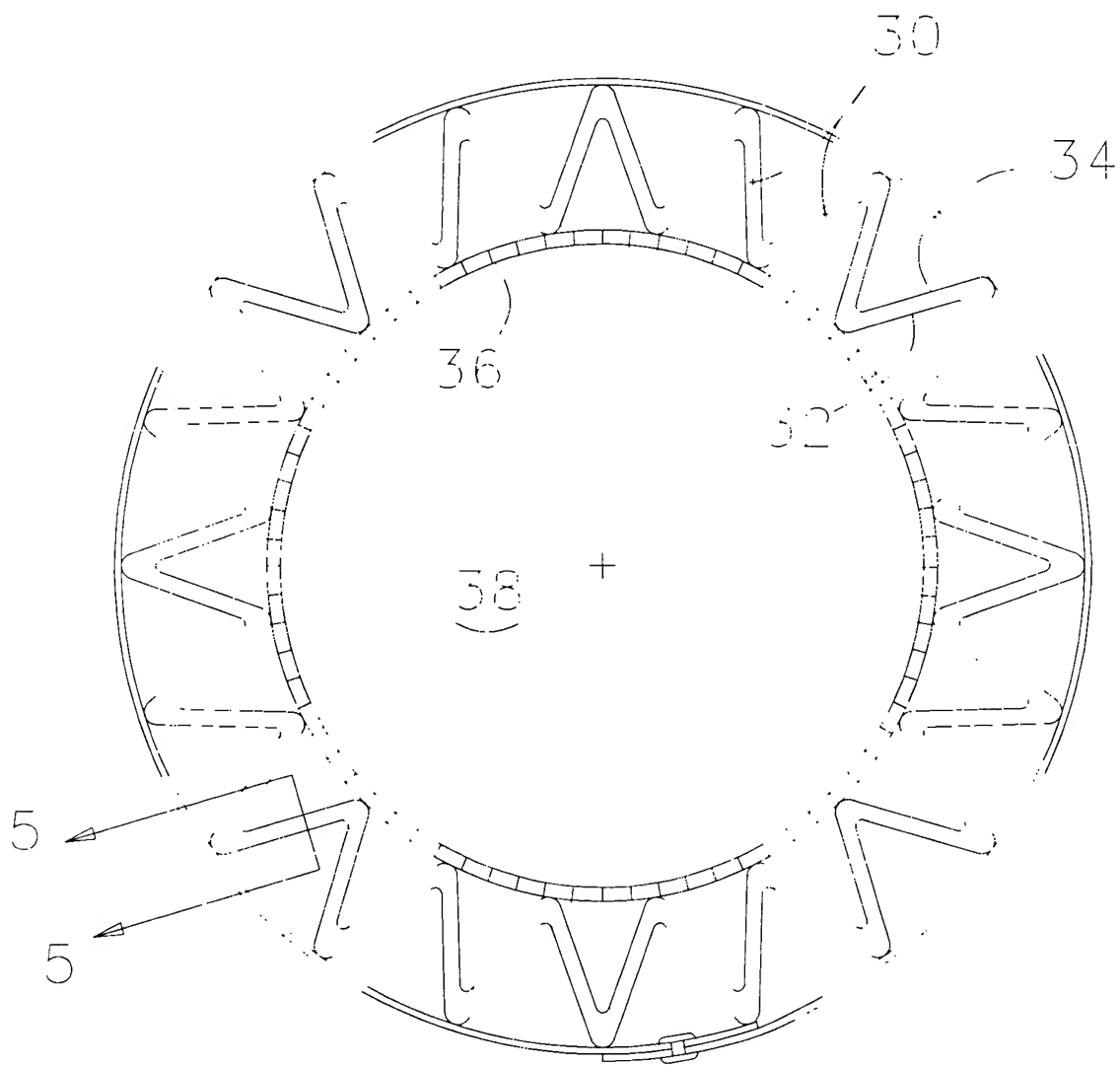


FIG. 4

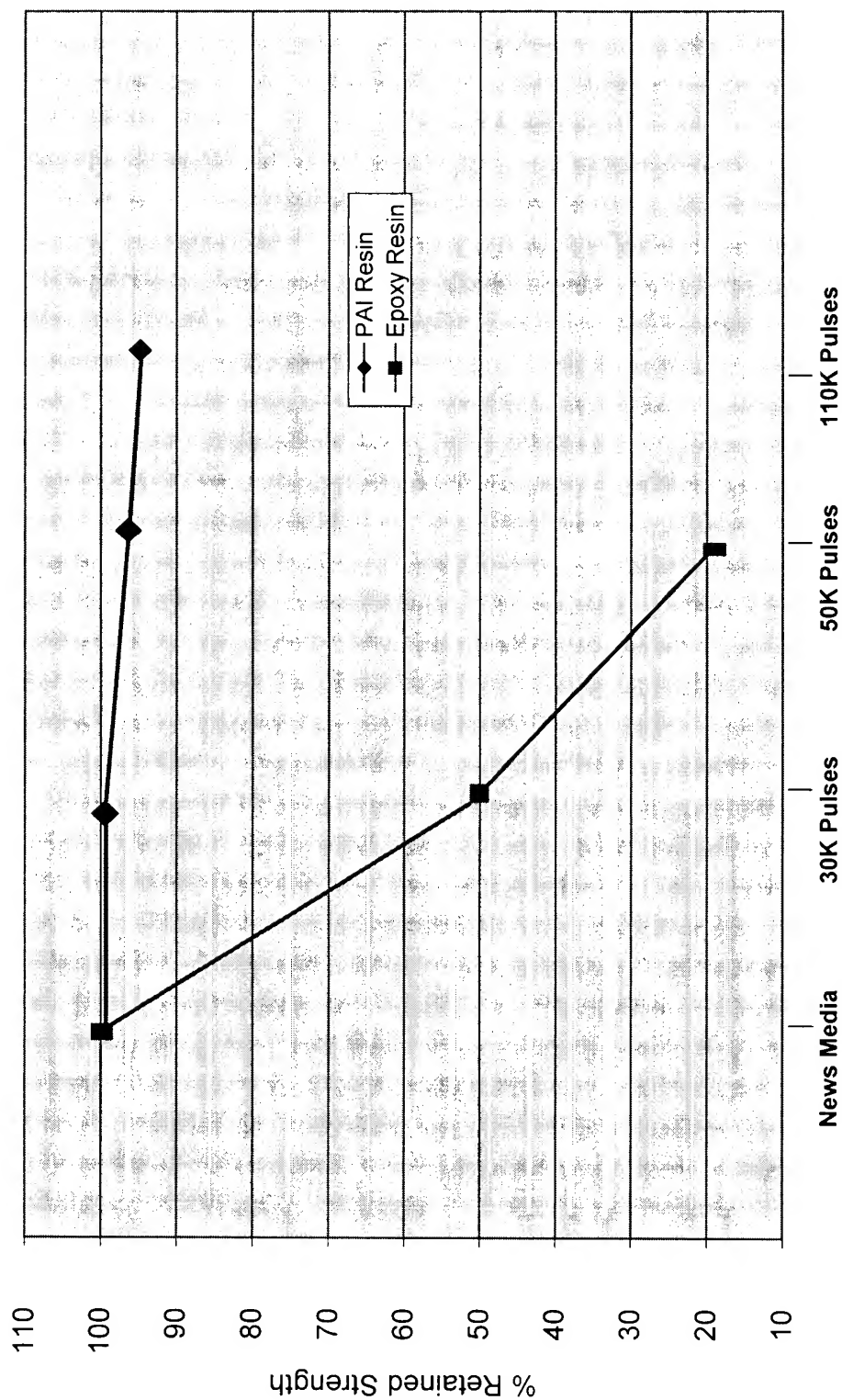


Fig. 5



Fig. 6

## Combined Average MD and XMD Retained Tensile Strength of PAI Resin Treated Aramid Versus Epoxy Resin Treatment Aramid



**Number of Pulses at 60 psi in BEST tester**

**Note: Epoxy resin treated substrate experienced complete filter failure prior to 110,000 pulses**

**FIG. 7**

